

FCB450 FCB450A



Date:
Type:
Fixture:
Project:

Approved:

FCB450 Exterior die-cast aluminum, round 8" diameter and 43" tall, louvered bollard designed and built to provide downward directed light completely surrounding the luminaire or, optionally, internally shielded to 180° or 90° light pattern. **FCB450A** has a true AMBER LED option which uses AlInGaP chip technology to produce amber color with spectral control between 590-600nm above the 560nm required by Florida Fish & Wildlife Conservation Commission (FWC).

SPECIFICATIONS

PHYSICAL

dimensions	43"H x 8"D
weight	18 lbs
housing	Marine grade, corrosion resistant, heavy gauge extruded aluminum (0.139" thick)
lens	Clear, heat resistant, tempered glass globe
mounting	Heavy wall base bracketing for bollard installation provides a unique mounting solution, so the tower body anchors flush to the ground without the appearance of a base plate, anchor bolts included.
ingress protection	IP65; dry, damp, or wet locations
finish	Available in Black, Bronze, Graphite Grey, Silver, White and Custom Colors. Six stage cleaning and saline pre-treatment. Super TGIC polyester powder coat finish, 18µm Min., 5,000 hour salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE

color temperature	FCB450 - 2700K, 3000K, 3500K, 4000K, FCB450A - Amber
lumen output	FCB450 - 932 lm, FCB450A - 147 lm
lumen maintenance	L70 >70,000 hours
color consistency	3 SDCM / 85CRI
operating temperature	-13°F to 122°F (-25°C to 50°C)
warranty	5-Year limited warranty

ELECTRICAL

input voltage	Universal 120 - 277 VAC, optional: 347 VAC, 480 VAC
power supply	Integral Class II, electronic, high power factor > 94% @ 120V
certification	ETL/cETL Listed
standards	UL1598 / CSA C22.2 No. 250.0; UI 8750 / CSA C22.2 No. 250.13 / IES LM-79 / LM-80
power consumption	120 - 277 VAC @ 42W
dimming	standard: 0-10V (10%), optional: ELV (120 VAC only) / DMX / DALI



FCB450A
Wildlife Lighting Certified
by the Florida Fish & Wildlife
Conservation Commission

Due to continuous development and improvements, specifications are subject to change without notice.
Product use certifies agreement to FC Lighting terms and conditions.

FCB450 FCB450A



Ordering Information

PART NUMBER

FCB450							
SERIES	VOLTAGE	HEIGHT	COLOR	LUMENS	FINISH	OPTIONS	
FCB450	UNV	120 - 277 VAC	43 43"	827 (85CRI) 2700K	10L 932 lm (42W)	BKE Black	LD 0-10V Dimming
	120V	120 VAC (Photo Eye)		830 (85CRI) 3000K		BRE Bronze	ELV ELV Dimming (120 VAC Only) (No PE Option)
	277V	277 VAC (Photo Eye)		835 (85CRI) 3500K	HS¹ - 180° House Shield	GRE Graphite Grey	SP20 20kV Surge Protector
	347V	347 VAC		840 (85CRI) 4000K	05L 463 lm (22W)	SLE Silver	BBU Battery Backup (Integral)
	480V	480 VAC			HS2² - 270° House Shield	WHE White	SP20-BBU (2) 20kV Surge Protectors (1/LED Driver, 1/BBU) and Battery Backup (Integral)
					03L 233 lm (12W)	CCE Custom Color	
							PE120 Photo Eye for 120 VAC
							PE277 Photo Eye for 277 VAC
							HS¹ 180° House Shield
						HS2² 270° House Shield	
						LAB³ Less Anchor Bolt Kit - for shipment separate of Anchor Bolt Kit	

FCB450A				AM	01L							
SERIES	VOLTAGE	HEIGHT		COLOR	LUMENS	FINISH	OPTIONS					
FCB450A	UNV	120 - 277 VAC	43	43"	AM	Amber (590-600nm)	01L	147 lm (30W)	BKE	Black	LD	0-10V Dimming
	120V	120 VAC (Photo Eye)							BRE	Bronze	ELV	ELV Dimming (120 VAC Only) (No PE Option)
	277V	277 VAC (Photo Eye)					HS ¹ - 180° House Shield		GRE	Graphite Grey	SP20	20kV Surge Protector
	347V	347 VAC					05L	73 lm (15W)	SLE	Silver	BBU	Battery Backup (Integral)
	480V	480 VAC							WHE	White	SP20-BBU	(2) 20kV Surge Protectors (1/LED Driver, 1/BBU) and Battery Backup (Integral)
							HS2 ² - 270° House Shield		CCE	Custom Color		
							03L	36 lm (10W)			PE120	Photo Eye for 120 VAC
											PE277	Photo Eye for 277 VAC
											HS ¹	180° House Shield
										HS2 ²	270° House Shield	
										LAB ³	Less Anchor Bolt Kit - for shipment separate of Anchor Bolt Kit	

ANCHOR BOLT KITS

A00450-01

Anchor Bolt Kit - Complete Anchor Bolt Kit shipped in advance of fixture.

¹ Note: 05L only available with HS option.

² Note: 03L only available with HS2 option.

³ Note: Fixture must be mounted into FC Lighting supplied Anchor Bolt Kit shipped with or separate of fixture.

Consult Factory for other options and configurations.

To ensure you receive proper configurations for your lighting specifications, contact us directly about any unique application requirements. This may include but not be limited to lumen output, mounting needs, or electrical requirements.

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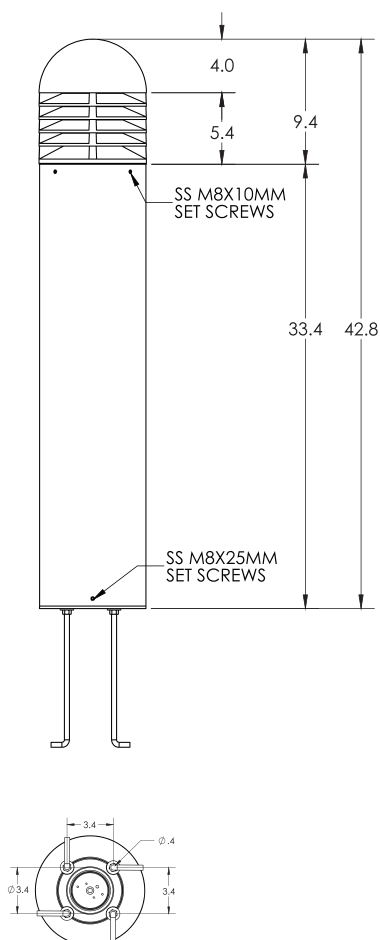
US Commercial Lighting Manufacturer Since 1982

Specification Sheet

FCB450
FCB450A



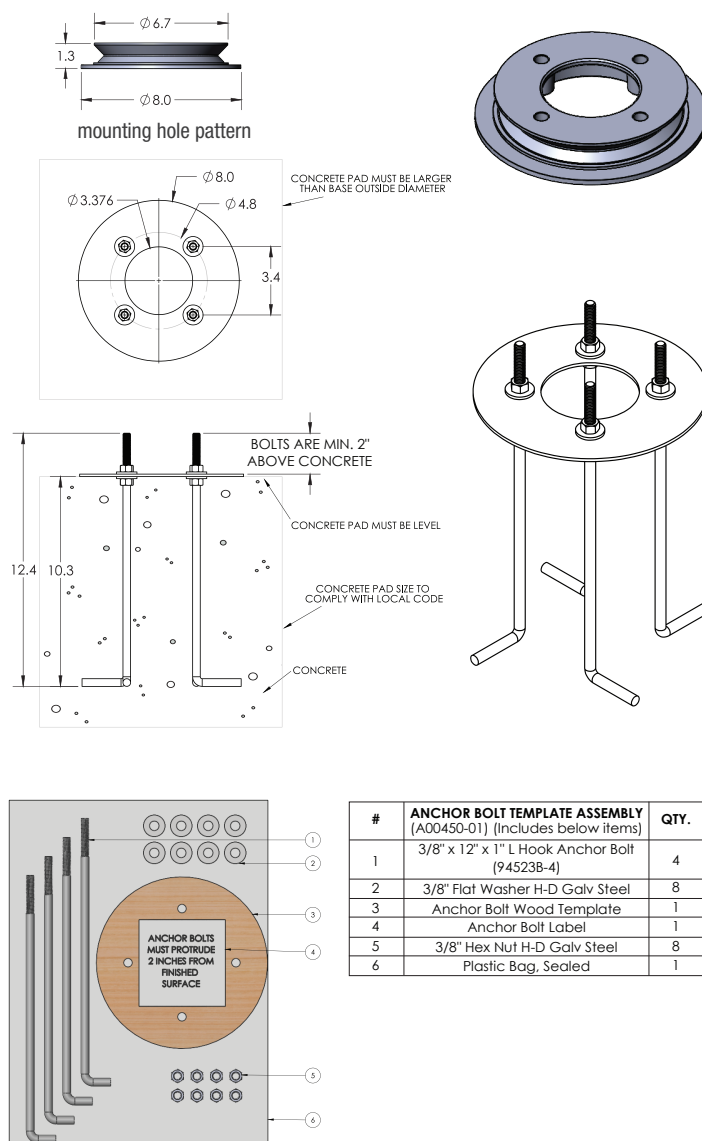
PRODUCT DIMENSIONS - STANDARD PRODUCT



MOUNTING

Mounting Plate Diameter	Ø 8"
Anchor Bolt Template Assembly	A00450-01

(Includes the below items listed)



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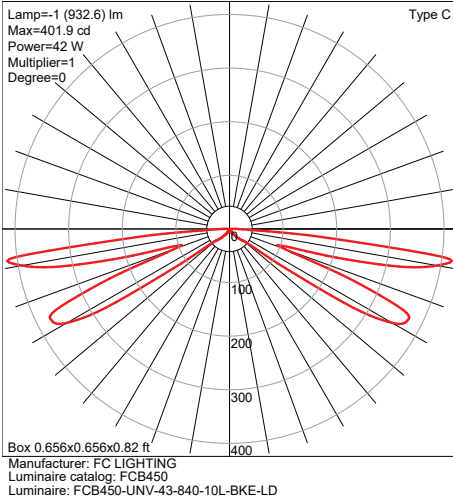
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Specification Sheet

Photometry



OPTICAL DISTRIBUTION



IES MULTIPLIER	
Color	Multiplier
927	0.89
930	0.96
935	0.97
940	1.00

Lumen Output	932 lm @ 4000K
Power Consumption	42 W

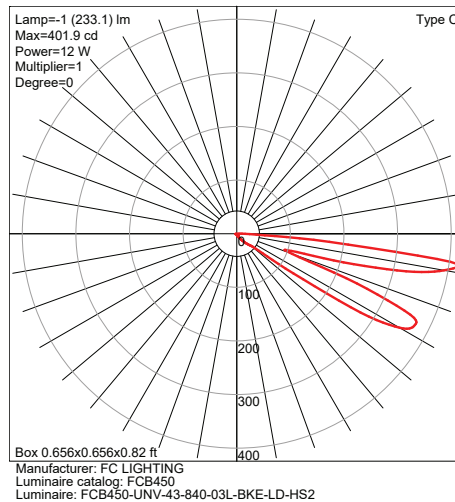
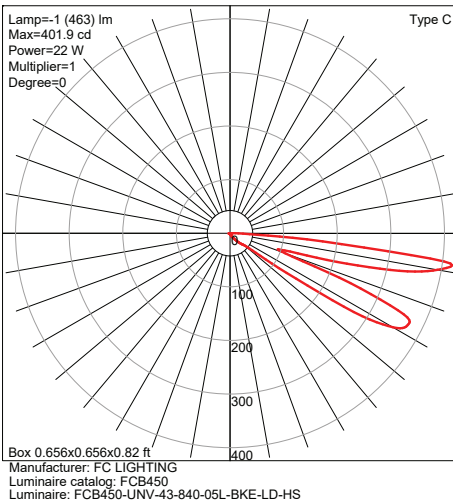
OPTIONS

FIND IES FILES ON FCLIGHTING.COM

HS - 180° House Shield

HS2 - 270° House Shield

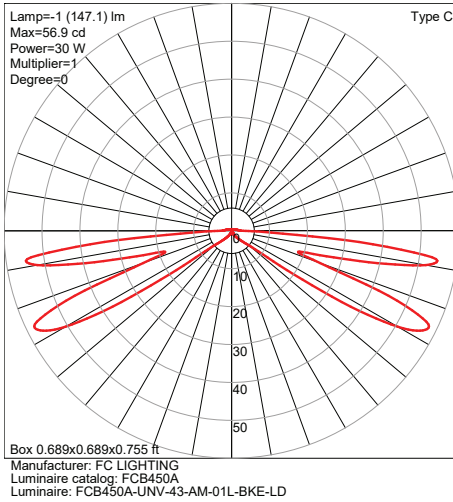
NOTE: House Shields are internal to the luminaire.



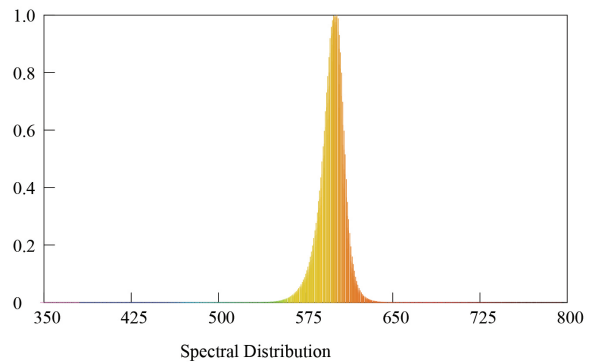
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OPTICAL DISTRIBUTION



Spectroradiometric Parameters



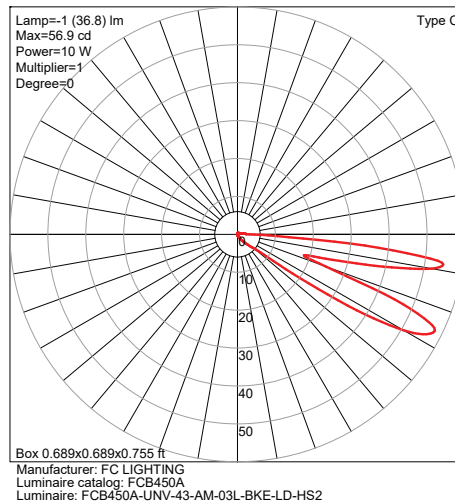
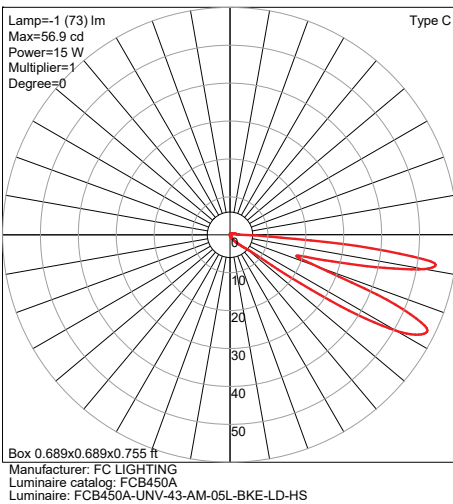
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NOTE: House Shields are internal to the luminaire.



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